

## Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-147

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8-20-08	8-20-09	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
E4053	BENNETT & BENNETT	VSE 3000		10-15-08	4-1-09	JPL
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	E1397	L3/CE	No	N	N	NA

(RPM TESTING)

VERIFICATION DATA					
HBM Sensitivity Level: <u>50V</u> (from Table 1)					
Fan controller setting: <u>Low</u> (High, Low, NA)					
Distance of ionizer from the charge plate: <u>48"</u>					
Ionizer Float Potential Tolerance $\pm$ <u>50</u> Vdc. (from Table 1)					
Measured Float Potential values recorded below.					
1	2	3	4	5	Comments:
10 Vdc.	20 Vdc.	10 Vdc.	20 Vdc.	10 Vdc.	
Ionizer Discharge Voltage Range: $\pm$ 1000 Vdc to $\pm$ <u>50</u> Vdc (from Table 1)					
Ionizer Discharge Time Tolerance: <u>20</u> seconds. (from Table 1)					
Measured Discharge Time in second(s) and recorded values below.					
1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
8.7 sec	7.5 sec	7.7 sec	7.9 sec	7.9 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
10.1 sec	9.4 sec	10.0 sec	9.9 sec	9.7 sec	

**Record** any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Sequence number for verification of replacement Ionizer: \_\_\_\_\_

**Record** inspection schedule and rational for that schedule.